

Material Safety Data Sheet

AUTOSOLVE GRAPHICS QUICK IDENTIFIER

Common Name: (used on label and list)

May be used to comply with OSHA's Hazard Communication Standard,
29CFR 1910. 1200. Standard must be consulted for specific requirements

SECTION 1 -

Manufacturer's

Name: AUTOTYPE INTERNATIONAL LIMITED

Address: GROVE ROAD

Emergency CHEMTREC:- 1-800-424-9300
Telephone No: Autotype UK:- 011 44 1235 770063

City, State, and ZIP WANTAGE, OX127BZ, UK

Other Autotype UK:- 011 44 1235 771111
Information Calls: Autotype USA:- 1-847-303-5900

Signature of Person

Responsible for Preparation (Optional)

Date

Prepared April 2001

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS No
* N Methyl Pyrrolidone	400 mg/m ³		-	<10%	872.50.4
Low hazard organic solvent blend for ink cleaning use in Screen Printing					

SARA TITLE III (USA)	LD 50:- 4200 mg/Kg oral rat.
*NB. THIS SUBSTANCE IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EP & CRTK ACT 1986	Volatile Organic Compounds 897 g/l

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point +184-225°C Specific Gravity (H₂O=1) 1.07 Vapor Pressure <1 mm Hg/20°C

Vapor Density (Air = 1) Not measured

Solubility in Water Dispersible Reactivity in Water Neutral

Appearance and Odor Solvent Smell Melting Point N/A

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point 79°C Method Used ACC Flammable Limits in Air % by Volume LEL Lower N/A UEL Upper N/A

Auto-Ignition Temperature 270/300°C Extinguisher Media N/A

Special Fire

Fighting Procedures None

Unusual Fire and

Explosion Hazards Combustion products hazardous oxides of nitrogen and carbon

HMIS RATING	
HEALTH	2
FLAMMABILITY	3
REACTIVITY	1
PERSONAL PROTECTION	2

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions
Stable ✓ to Avoid High Temperatures

Incompatibility
(Materials to Avoid) Strong alkaline substances (caustic pastes)

Hazardous
Decomposition Products None

Hazardous May occur Conditions
Polymerization Will not occur ✓ to Avoid None

SECTION 6 - HEALTH HAZARDS

1. Acute Irritation/Dizziness/Dermatitis 2. Chronic May affect CNS

Signs and
Symptoms of Exposure Coughing, disorientation, skin reddening, irritation

Medical Conditions Generally
Aggravated by Exposure Bronchial or skin sensitivity

Chemical Listed as Carcinogen National Toxicology Yes IARC Yes OSHA Yes
or Potential Carcinogen Program No ✓ Monographs No ✓ No No ✓

Emergency and
First Aid Procedures See below

**ROUTES
OF
ENTRY**

1. Inhalation Remove to fresh air. Get medical aid.
2. Eyes Irrigate with clean water for 15 minutes.
3. Skin Wash thoroughly with soap and water.
4. Ingestion Do not induce vomiting. Drink water, get urgent medical attention.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken
in Handling and Storage Store in dry, cool conditions in original container away from means of ignition or hazardous chemicals.

Other
Precautions None

Steps to be Taken in Case
Material is Released or Spilled. Protect drains. Absorb in sand/chemosorb and containerise for authorised disposal.

Waste Disposal
Methods (Consult federal, state and local regulations) Only by authorised industrial chemical disposal.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection
(Specify Type) Wear canister respirator if vapour or mist > 400 mg/m³

Ventilation Local Mechanical Special Other
✓ Exhaust ✓ (General) ✓ N/A N/A

Protective
Gloves Nitrile Rubber Eye Protection Goggles/visor

Other protective
Clothing or equipment Plastic apron/overalls

Work/Hygienic Practices Read working instructions

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.